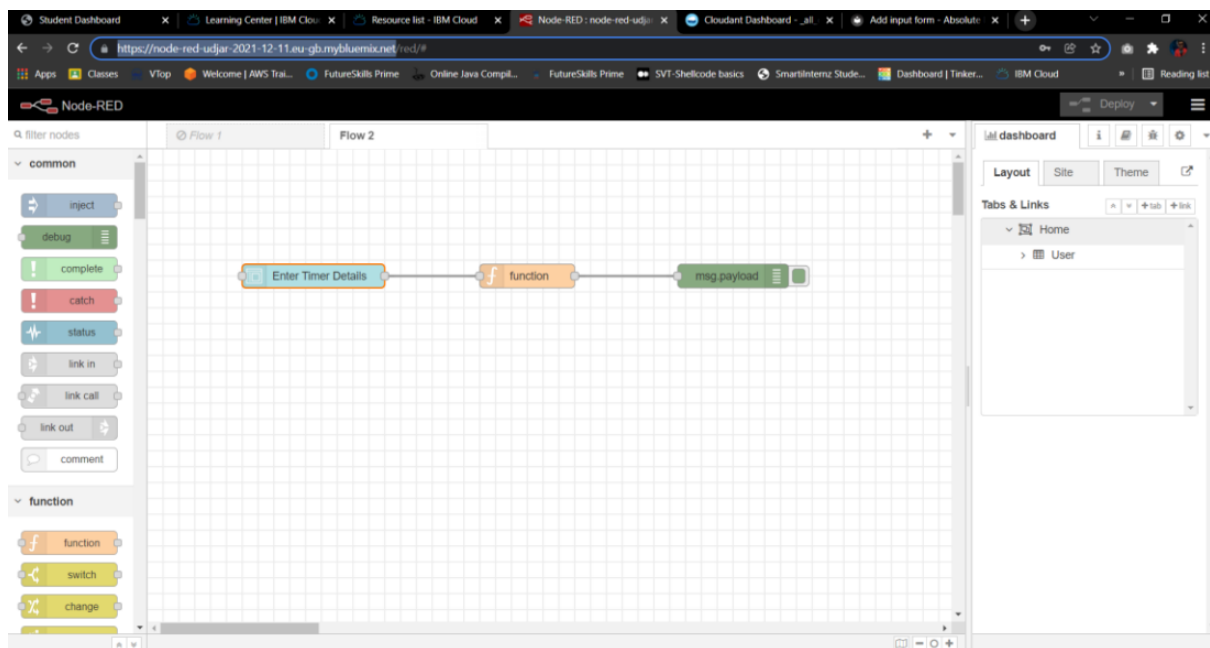


ASSIGNMENT-5

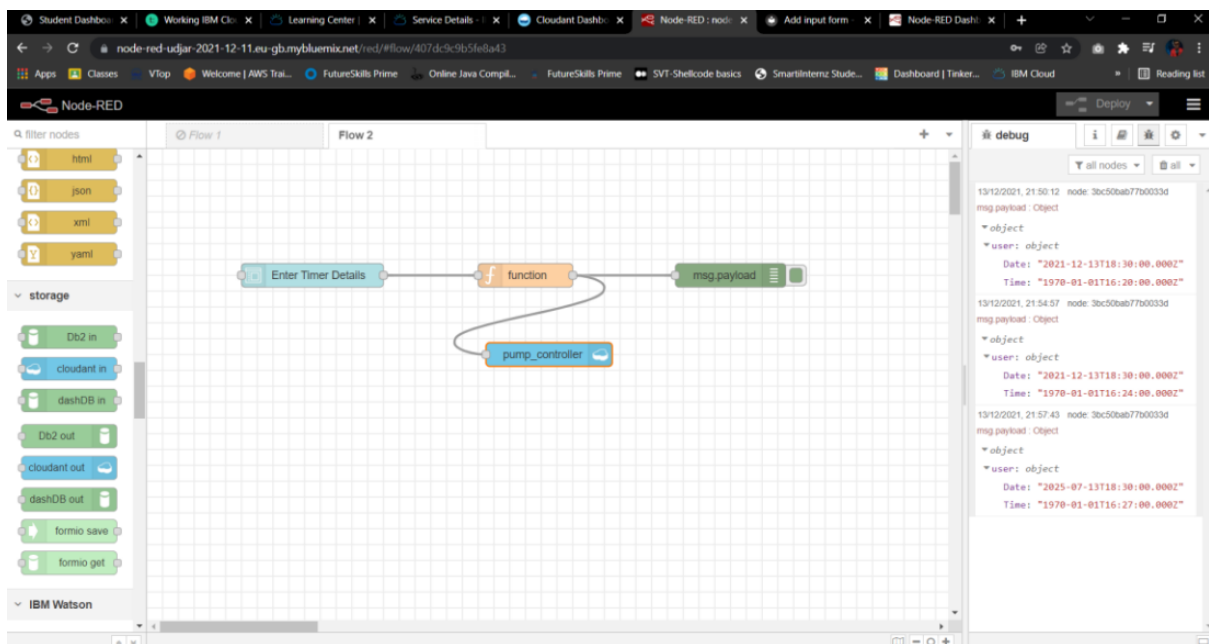
Name: Vikram Singh Chauhan

Reg. No: 19BCY10038



Output Window-

The screenshot shows a web browser window with multiple tabs. The active tab is 'Node-RED: node-red'. The URL bar shows 'node-red-udjar-2021-12-11.eu-gb.mybluemix.net/ui/#/0?socketid=PoVg4t6NjKCYbHuAAAAB'. The page has a blue header with the word 'Home'. Below the header, there is a white box titled 'User'. Inside this box, there is a section titled 'Enter Timer Details'. This section contains two input fields: 'Date' with the value '13-12-2021' and a calendar icon, and 'Time' with the value '08:20 PM' and a clock icon. Below these fields are two buttons: 'SUBMIT' and 'CANCEL'.



Node-RED interface showing the configuration of a cloudant out node. The flow consists of an "Enter Timer Details" node connected to a "function" node, which is then connected to a "cloudant out" node. The "cloudant out" node is configured with the following properties:

- Service: node-red-udjar-2021-12-11-eu-gb-mybluemixnet-163922668K
- Database: pump_controller
- Operation: Insert
- Only store msg.payload object? (checked)
- Name: Name

The debug console shows the following log entries:

```
13/12/2021, 21:50:12 node:3bc50bab77b0033d
msg.payload: Object
  object:
    user: object
      Date: "2021-12-13T18:30:00.000Z"
      Time: "1970-01-01T16:20:00.000Z"
13/12/2021, 21:54:57 node:3bc50bab77b0033d
msg.payload: Object
  object:
    user: object
      Date: "2021-12-13T18:30:00.000Z"
      Time: "1970-01-01T16:24:00.000Z"
```

Node-RED interface showing the configuration of a cloudant out node. The flow consists of an "Enter Timer Details" node connected to a "function" node, which is then connected to a "cloudant out" node. The "cloudant out" node is configured with the following properties:

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13/12/2021, 21:54:57 node:3bc50bab77b0033d
msg.payload: Object
  object:
    user: object
      Date: "2021-12-13T18:30:00.000Z"
      Time: "1970-01-01T16:24:00.000Z"
13/12/2021, 21:57:43 node:3bc50bab77b0033d
msg.payload: Object
  object:
    user: object
      Date: "2025-07-13T18:30:00.000Z"
      Time: "1970-01-01T16:27:00.000Z"
```

Student Dashbo... Working IBM Cl... Learning Center... Service Details... Cloudant Dashb... Node-RED: nod... Add input form... Node-RED Dash... +

ca94237c-0c50-4abf-a019-a3a5dcda12ed-bluemix.cloudant.com/dashboard.html#database/pump_controller/63c362fcc71bf459d75d0bc78f000064

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pump_controller > 63c362fcc71bf459d75d0bc78f000064 {} JSON

Save Changes Cancel Upload Attachment Clone Document Delete

```
1 {
2   "_id": "63c362fcc71bf459d75d0bc78f000064",
3   "_rev": "1-00427daa7a6dfe306ccea5089ce98c70",
4   "user": {
5     "Date": "2025-07-13T18:30:00.000Z",
6     "Time": "1970-01-01T16:27:00.000Z"
7   }
8 }
```

Log Out